

grams. This information was obtained through a survey sponsored by Communications Canada in cooperation with the Canadian Broadcasting Co., Telesat Canada, the Canadian Cable Television Assoc., Rogers Cablesystems, Scarborough Cable, Home Box Office, and PBS affiliate KCTS of Seattle, Wash.

The survey was conducted in October 1987 and involved a total of 7000 individuals at five different sites in Canada and the U.S.; coverage was provided by a temporary satellite-based network and consisted of HDTV programming from Italy, the U.S., Japan, and Canada.

Charles A. Steinberg has been named executive vice-president for Sony Corp. of America, it was announced by president and chief operating officer Neil Vander Dussen. Steinberg, who will be based at Sony's National Operations Headquarters in Park Ridge, N.J., will assume responsibility for non-consumer products marketed by the existing Sony Communications Products Co., as well as the Sony Information Systems



Co. In addition, he will be responsible for marketing Sony professional products in Mexico, Central America, South America, and other selected worldwide markets.



William G. Connolly



Richard K. Wheeler

William G. Connolly and Richard K. Wheeler have been named to new executive posts at Sony Corp. of America, it was announced by recently appointed executive vice-president Charles Steinberg. Connolly will head the newly created Advanced Systems Division and will have responsibility for managing emerging technologies such as HDTV, an area in which he has been involved since it was first developed. His background consists of more than 25 years of experience, having served as vice-president and deputy

director of engineering and development for the CBS Broadcast Group before joining Sony in 1983.

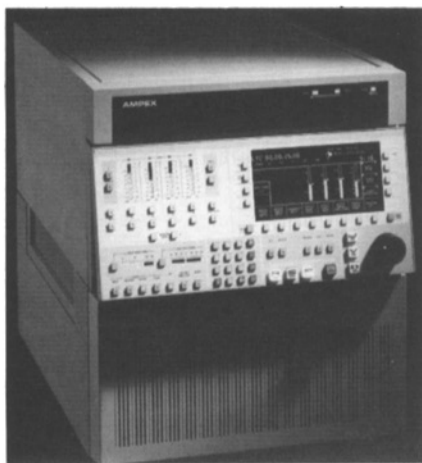
Wheeler joined Sony in 1974 as district manager for the Professional Video Division and has held several management positions prior to his most recent position as senior vice-president. In his present appointment as president of Sony Communications Products Co., he will be responsible for sales and marketing of professional video, broadcast, and audio products; in addition, he will oversee customer service support, product management, and finance/administration.

Peter C. Lowten has been appointed to the position of vice-president of marketing at Quanta Corp. in Salt Lake City, Utah. Lowten joined Quanta in 1987 as director of product operations and was later appointed vice-president of engineering. Prior to his arrival at Quanta he held operational management roles with Sony Broadcast, Compression Labs., Inc., and International Video Corp.



New Products

Further information about these items can be obtained from the addresses given. The SMPTE is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



Ampex VPR-300 D-1 composite VTR.

A number of new products have recently been introduced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. The VPR-300 series of D-2 format composite digital studio VTRs, compatible

with existing analog facilities and equipment, delivers a minimum of 20 transparent generations, provides superior digital video and four channels of digital audio, simplified operation, and advanced diagnostics. Key features include a large status display to provide comprehensive operational information in English; 20-ms playback lock-up; precise field search and field by field jog; continuously variable play speeds; viewable color pictures in shuttle at up to 60 times play speed; and automatic and manual assemble, insert, and animate editing modes.

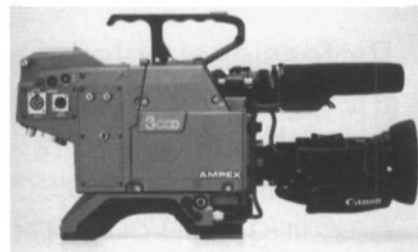
The VPR-305 is a lower cost version of the VPR-300 that does not include AST™ automatic tracking capabilities. The VPR-305 is field upgradable to full VPR-300 performance.

The ACE™ 25 is an economical editing system developed for news, small production, and off-line editing applications. Unique to the ACE 25 editor is the ability to integrate an optional internal audio and/or video switcher into the system's electronics.

The standard ACE 25 editor includes four VTR interfaces, two on-board 3.5-in. disk drives, and it controls two audio channels, three auxiliary sources, and three GPIs. Standard system software in-

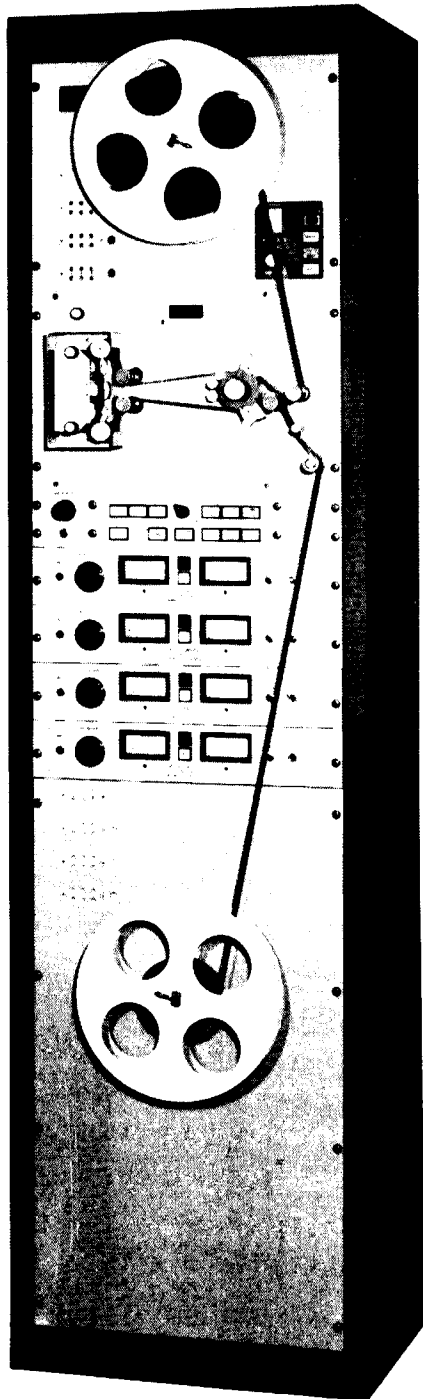
cludes the ability to perform A/B roll, slow-motion edits, and full split edits. A 1000-line EDL, auto-assembly, and basic list management functions are also included.

Zeus Port, a new interface option for the Ampex Zeus™ advanced video processor, enables Ampex Type-C videotape recorders to transfer composite digital video directly to D-2 composite digital VTRs. Zeus Port eliminates the additional D/A and A/D conversion steps normally required, thus maintaining the integrity of the Type-C signal.



Ampex CVC-7 color video CCD camera.

The CVC-7 CCD color video camera features a new CCD chip. The CVC-7 generates high-quality images with 700 lines of resolution for ENG, EFP, and studio applications. CVC-7 images offer a high signal-to-noise ratio. Other features include a speed-selectable electronic shutter, and a newly designed ergonomic viewfinder.



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Cables "Magtech"

The CVR-200 is a compact, light-weight, professional CCD camcorder. A Betacam SP-format system, the CVR-200 integrates camera and recorder into a single body. A fully loaded CVR-200 system, including recorder, camera, lens, viewfinder, battery, and cassette, weighs just over 15 lb. It delivers high-quality pictures with 550 lines of resolution and can record up to 30 min on a single cassette. In audio, the CVR-200 records two longitudinal channels with Dolby™ Type-C noise reduction, as well as two AFM channels.

The AU-640 MII player/recorder has been announced by Panasonic Broadcast Co., One Panasonic Way, Secaucus, NJ 07094. It features a built-in time base corrector and a wide array of editing functions, and dual video and audio heads. The AU-640 has a full range of assemble and insert editing capabilities for video, audio, and time code.

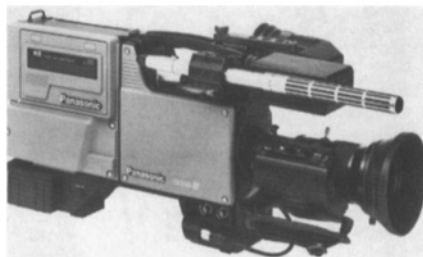
In addition, Panasonic introduced the AU-630, an MII studio playback-only VTR with noiseless auto tracking and 90-min playback; and the AU-620 MII studio player, designed primarily as an



Panasonic AU-640 MII studio player/recorder.

editing and broadcast source machine and also useful for video cart installation.

The AU-X80, a low-cost, high-quality MII studio VTR provides more than 90 min of program material using 1/2-in. metal particle tape housed in a conventional-sized cassette and more than 20 min in a pocket-sized cassette.



Panasonic AK-400 camera.

The AK-400 CCD color video camera and MII field edit package was also introduced by Panasonic. The camera can be attached to the MII AU-400 camera recorder without an adapter to form a portable handheld camcorder system. It weighs slightly more than 7 lb and incorporates a new frame interline transfer CCD chip.



Sony DVR-10 D-2 composite digital VTR.

A wide range of new products has been introduced by Sony Communications Products Co., 1600 Queen Anne Rd., Teaneck, NJ 07666. Among those presented were the production model composite digital videotape recorder (DVTR) based on the D-2 format, called the DVR-10; the HDVS production system, including a new camera (HDC-300), a 38-in. monitor (HDM-3830), and videodisc player (HDL-2000); and a new library management system (LMS) in both Betacam and composite D-2 formats, with storage capacity for approximately 1000 cassettes.

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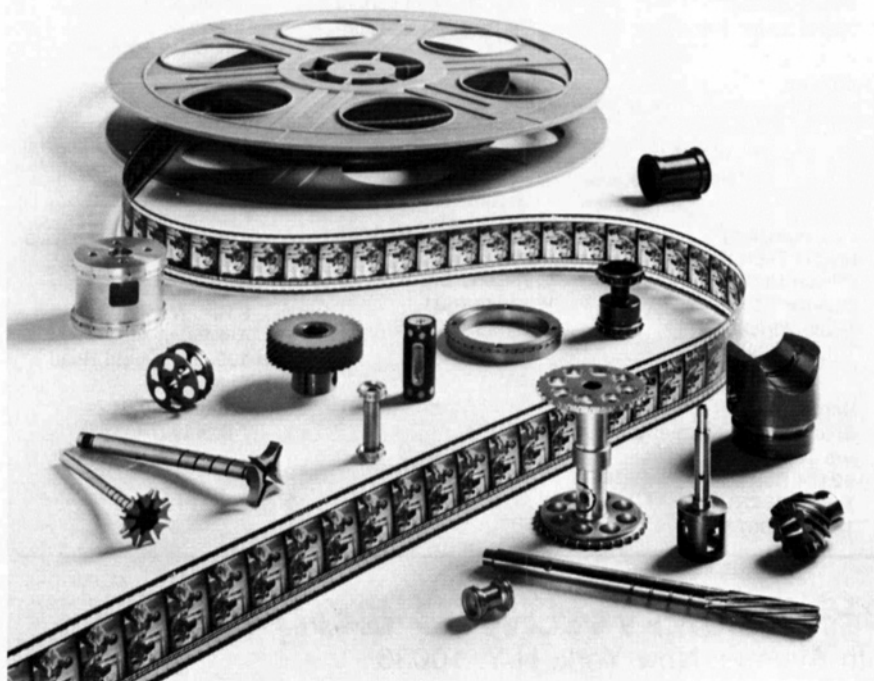
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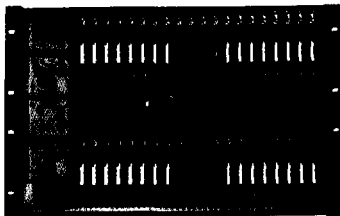
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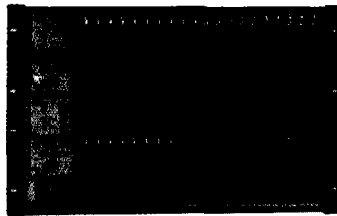
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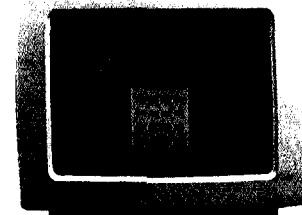
Di-Tech's *virtual matrix* control system, Model 9002, maintains a software map of your router's hardware connections. This makes it easy to define single level crosspoints *anywhere* in a matrix, as well as preset breakaway switches. Special purpose routing – such as time code, RS422 or RGB – can be smoothly integrated into an 8 level master grid at any time.

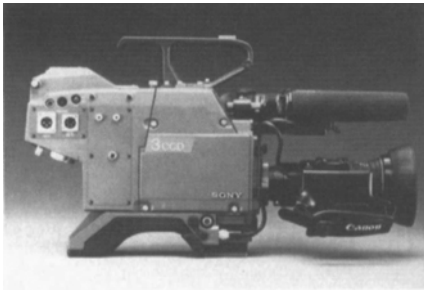
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Sony BVP-7 ENG/EPF camera.

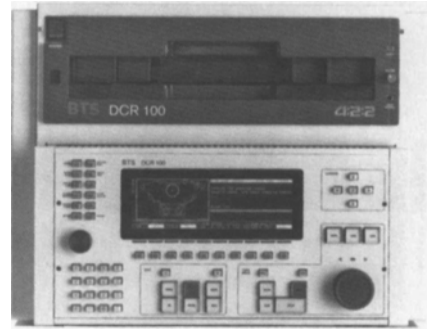
Other new Sony products include the BVW-200 ENG camcorder that combines CCD technology with Betacam SP recording capabilities and weighing only 15 lb with lens, battery, and tape; and a high-performance Betacam camera, the BVP-7, featuring better image resolution, sensitivity, and control for both ENG and EPF applications.

A high-definition camera system, the KCH 1000, has been announced by BTS, Robert Bosch Strasse 7, D-6100 Darmstadt, W. Germany. The system can be adapted to several proposed HDTV scanning modes without hardware modification and is designed for studio and field applications, providing state-of-the-art picture quality under any shooting condition. The advantages for the user are highest resolution, sensitivity, and signal-to-noise ratio, combined with perfect registration and

color reproduction. The KCH 1000 has automatic adjustment and operating functions and offers full audio and intercom features.

The Collage D-2 digital compositing system has been introduced by DSC, 3622 N.E. 4th St., Gainesville FL 32609, for multichannel compositing of multilayered effects and sophisticated program segments. Collage can be used to composite directly to D-2 tape machines and digital disk recorders. The system accepts five video sources and three key signals as external inputs and can composite three foreground videos over the background while controlling the priorities of two of the videos. It also features internal sources such as optional matte generators, frame memories, or DSC's DiSC digital disk recorder system. Collage inputs can be composited in a single pass with manual or automatic dissolves, keys, fades and cuts. Also included is digital linear keying with two prioritized keys plus a downstream key and a program fade-to-black.

A digital VTR for the D-1 standard has been announced by BTS, Robert Bosch Strasse 7, D-6100 Darmstadt, W. Germany. The DCR 100, a digital 4:2:2 VTR, has a variety of error-correction features that ensure picture quality which surpasses the 20 generations required by the standard. The creation of one-track for-



Tape deck of BTS DCR 100.

mat, despite differing scanner configurations and the use of four audio channels and all the D-1 standard cassette sizes, ensures compatibility between different manufacturers and assists the international exchange of programs.



Montage Picture Processor® (System II)

The Montage Picture Processor® (System II) electronic editing system was recently demonstrated by Montage Group Ltd., One W. 85th St., New York, NY 10024. It features several changes and upgrades in software and hardware that further enhance its ability to facilitate the editing of multiple and single-camera projects shot on film or videotape. Worktape functions have been materially improved to further speed up the process of building and recording workprint; and new software has been developed to support new hardware configurations. Standard equipment includes a built-in switcher and special effects generator, with approximately 20 standard wipes, dissolves, and transition effects. Two time base correctors, including master sync generator, yield a quality, stable video preview image.

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